

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT:	Jianping Zhang et al.	§	GROUP ART UNIT:
		§	1621
SERIAL NO.:	10/023,258	§	
		§	EXAMINER:
FILED:	December 14, 2001	§	Jafar F. Parsa
		§	
FOR:	Slurry Bed Reactor	§	

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT FILED IN
CONJUNCTION WITH A REQUEST FOR CONTINUED EXAMINATION**

Mail Stop Amendment
Commissioner for Patents
P. O. Box 1450
Alexandria, Virginia 22313-1450

Atty. Dkt. No.: 1856-23900
Date: December 29, 2004

Sir:

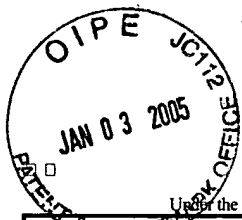
In accordance with 37 CFR §1.97, §1.98, applicant is providing herewith copies of the supplementary items listed on the attached U.S. Patent and Trademark Office Form PTO 1449. If this application was filed prior to June 30, 2003, a copy of each publication listed on Form PTO-1449 is enclosed herewith. This information is supplemental to the Information Disclosure Statements and Forms PTO 1449 filed in the above-referenced case on February 20, 2003 and November 10, 2003

The submission of this Supplemental Information Disclosure Statement and Form PTO-1449 is not an admission that the art cited is "prior" with respect to the present invention, nor is it a representation that no better art exists. Applicants hereby reserve the right to swear behind or otherwise disprove any alleged "prior" nature of any art cited should the facts support and the situation warrant such an action.

It is submitted that the art cited does not constitute a bar to the patentability of Applicants' invention under 35 U.S.C. § 102 or § 103.

Respectfully submitted,

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	10/023,258	
			Filing Date	December 14, 2004	
			First Named Inventor	Jianping Zhang	
			Group Art Unit	1621	
			Examiner Name	Jafar F. Parsa	
Sheet	1	of	1	Attorney Docket Number	1856-23900

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	AA	S. C. Saxena et al., <i>Mathematical Modeling of Fischer-Tropsch Slurry Bubble Column Reactors</i> , Chem. Eng. Con. Vol. 40 (1986) pp. 97-151	
	AB	D. Bukur et al., <i>Gas Holdup and Solids Dispersion in a Three-Phase Slurry Bubble Column</i> , AIChE J. 36, 1990, p. 1731-1735	
	AC	P.M. Calderbank et al., <i>The Continuous Phase Heat and Mass-Transfer Properties of Dispersions</i> , Chem. Eng. Sci. 16, 1961, p. 39	
	AD	Y. Kato et al., <i>The Behavior of Suspended Solid Particles and Liquid Bubble Columns</i> , J. Chem. Eng. Japan 5, 1972, p. 112	
	AE	W. D. Becker, <i>Hydrodynamic Properties of the Fischer-Tropsch Slurry Process</i> ; Ind. Eng. Chem. Process Des. Dev. 19, 1980, p. 699-708	
	AF	D. Schanke et al., <i>Optimization of Fischer-Tropsch Reactor Design and Operations in GTL Plants</i> ; Natural gas conversion VI; proceedings of the 6 th Natural Gas Conversion Symposium, June 17-22, 2001, Alaska USA; in Studies in Surface Science and Catalysis, 136, 2001, p. 239	
	AG	R. Krishna, <i>A Scale-up Strategy for a Commercial Scale Bubble Column Slurry Reactor for Fischer-Tropsch Synthesis</i> , Oil and Gas Science and Technology-Rev. 55, 2000, p. 359-393	
	AH	G. van der Laan et al., <i>Multicomponent Reaction Engineering Model for Fe-Catalized FT Synthesis in Commercial Scale Slurry Bubble Column Reactors</i> , Chem. Eng. Science 54, 1999, p. 5013-5019	
	AI	R. Krishna et al., <i>Design and Scale-Up of the FT Bubble Column Slurry Reactor</i> , Fuel Processing Technology 64, 2000, p. 73-105	
Examiner Signature			Date Considered

*EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St.16 if possible. 6 Applicant is to place a check mark here if English language translation is attached.

The collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORM TO THIS ADDRESS. Send To Commissioner For Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

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